

SCHWARTZ, J.; ELIAS, H.; SPART, T.; FRIEDMAN, I.; DUMITRESCU, S.;
SAMUEL, I.; SANDULESCU, T.

Strains of Coxsackie virus isolated from paralytic poliomyelitis
patients in Bucharest. Stud. cercet. inframicrobiol., Bucur. 6 no.
1-2:51-54 Jan-June 55.

(POLIOMYELITIS, pathology

Coxsackie virus strains isolated from polio. patients
in Bucharest)

(COXSACKIE VIRUSES

strains isolated from polio. patients in Bucharest)

RUMANIA/Human and Animal Physiology (Normal and Pathological).
Blood. Blood Groups.

T-3

Abs Jour : Ref Zhur - Biol., No 16, 1958, 74663

Author : Dimitriu, Ofelia; Fischer, P.S.; Micu, D.; Dumitrescu, Sanda.

Inst : -

Title : On the Investigation of Immunothrombopenia.

Orig Pub : Commun. Acad. RPR, 1957, 7, No 2, 285-290.

Abstract : In 4 cases out of 30, during cyrrhosis of the liver and other illnesses, samples of thrombocytic antibodies (A) were positive. In 2 cases of pathogenesis, A was connected with the presence of paraproteids. Seemingly, these A, by influencing the thrombopoiesis, caused a decrease of the quantity of thrombocytes. A correlation was not found between the titer of A, infections of the bone marrow, and thrombopenia. In some patients A were found blocking

Card 1/2

- 33 -

RUMANIA/Human and Animal Physiology (Normal and Pathological).
Blood; Blood Groups.

T-3

Abs Jour : Ref Zhur - Biol., No 16, 1958, 74662

Author : Dumitrescu, Mircea; Dimitriu, Ofelia; Micu, Dumitru;
Dumitrescu, Sanda

Inst : ~~_____~~

Title : Investigation of Immunoleukopenias.

Orig Pub : Comun, Acad. RFR, 1957, 7, No 2, 291-296

Abstract : The content of leukocytic antibodies (A) during leukopenias of different nature was observed in 20% of cases. Pathogenesis of these A in many cases is connected with the presence of paraproteids. Seemingly, by influencing the leucopoiesis, these A cause decrease of the quantity of leukocytes. A correlation was not always found between the titer of leukocytic A and the degree of leukopenia. In a series of cases, blocked A were also found. -- L.N. Dayenko.

Card 1/1

MILCU, M., Acad. St.; NICOLIESCU-CATAROI, A.; DUMITRUSCU, S.; SAHLEMANU, V.;
BOJINESCU, Al.

Investigations regarding the antithyroid effect of dimercaptopropanol
derivatives. Rumanian M. Rev. 2 no.2:52-53 Apr-June 58.

(THYROID ANTAGONISTS
dimercaptopropanols)

PORTOGAIA, R.; DUMITRESCU, S.; ROTHCHILD, L.; IONESCU, M.I.

Morphological characteristics of type A2 ("A-Asia") influenza virus isolated in Rumania. Acta virol. Engl. Ed., Praha 3 no.2:113-114 Apr 59.

1. Institute of Inframicrobiology, Academy of the Rumanian People's Republic, Bucharest.

(INFLUENZA VIRUSES,

type A2 isolated in Rumania, morphol. characteristics)

CARPINISAN, C. prof.; ZITTI, M.; DUMITRESCU, S.

Enlarged pneumonectomy for bronchopulmonary cancer. Romanian
M. Rev. 3 no. 4: 56-60 O-D '59.

1. Clinic for Thoracic Surgery of the Filaret Hospital, Bucharest;
Surgery Dept. of the Sanatorium in Moroieni.

(PNEUMONECTOMY)

(LUNG NEOPLASMS, surgery)

(CARCINOMA BRONCHOGENIC, surgery)

PORTOCALA, R.; DUMITRESCU, S.; IONESCU, N.I.; BROMITSI, A.

Morphological study of strains of influenza virus isolated during the epidemic of February-March 1959 in the Rumanian People's Republic. Stud. cercet. inframicrobiol., Bucur. 10 no. 4:433-446 '59.

1. Comunicare prezentata la Institutul de inframicrobiologie al Academiei R.P.R..
(INFLUENZA VIRUS)

CHIOSA, L.; DUMITRESCU, S.; SAPTOIU, A.

Action of sodium succinate, fumarate, malate, and malonate upon the conditional-reflex activity of a laboratory of small animals. Studii cerc fiziol 5 no.3:489-499 '60. (EEAI 10:2)

1. Institutul de cercetari farmaceutice si Controlul medicamentelor, si Institutul de fiziologie normala si patologica "Prof. Dr. D.Danielopolu" al Academiei R.P.R. 2. Comitetul de redactie, Studii si cercetari de fiziologie, membru al Comitetului de redactie (for Chiosa).

(CONDITIONED RESPONSE)

(SODIUM SUCCINATE)

(SODIUM FUMARATE)

(SODIUM MALATE)

(SODIUM MALONATE)

PORTOCALA, R.; DUMITRESCU, S.; IONESCO, N.I.; BRONITKI, A1.

Morphological aspects of a strain of influenza virus of the
"mixed A plus A2" type compared to strains of types A and A2.
Rev. sci. med. 5 no.3/4:223-225 '60.
(INFLUENZA VIRUSES)

PORTOCALA, R.; DUMITRESCO, S.; IONESCO, N.I.; SAMUEL, I.; BOERU, V.

Infectivity of ribonucleic acid isolated from influenza virus;
morphological aspects of the generated virus. Rev. sci. med.
5 no.3/4:227-229 '60.

(INFLUENZA VIRUSES) (RIBONUCLEIC ACID)

ILIESCU, O.O., prof.; KIMINEMAN, L., conf.; GUTA, O., dr.; DUMITRESCU, S., dr.;
BOGDAN, O. DUMITRESCU, dr.

Persistence of the left superior vena cava with flow into the right auricle through the coronary sinus, demonstrated by cardiac catheterisation, Med. intern., Bucur. 11. no. 5: 751-756 '60.

1. Lucrare efectuata in Clinica medicala a Spitalului "Bernat Andrei", Bucuresti.

(VENA CAVA, abnormalities.)

(HEART DEFECTS, CONGENITAL, case reports)

(HEART CATHETERIZATION)

CARPINISAN, C., prof.; COLOGAN, I., dr.; DUMITRESCU, S., dr.

Clinical, radiological and therapeutic considerations on 512 cases of bronchopulmonary neoplasms. Med. intern., Bucur 12 no.12:1805-1816 D '60.

1. Lucrare efectuata in Clinica de chirurgie toracica, Spitalul "Filaret", director, prof. C. Carpinisan.
(LUNG NEOPLASMS) (CARCINOMA, BRONCHOGENIC)

DUMITRESCU, S.; NICOLESCU-CATARGI, AL.; CALB, M.

The antipyretic action of cortisone in fever induced by sodium nucleinate.
Rumanian M Rev. no.4:3-5 '61;
(CORTISONE pharmacol) (FEVER exper.)

MARINESCU, G.; SORODOC, G.; SARATEANU, D.; DUMITRESCU, S.

Agglutinating properties of some ECHO-virus strains in human erythrocytes of various groups and the erythrocytes of some animal species. Studii cerc inframicrobiol Special issue-supplement to 12:215-221 '61.

1. Institutul de inframicrobiologie al Academiei R.P.R. 2. Membru al Comitetului de redactie, "Studii si cercetari de inframicrobiologie" (for Sarateanu).

(VIRUSES) (ACGLUTINATION) (ERYTHROCYTES)

+

SURDAN, C.; DUMITRESCU, S.; IONESCU, N. I.; POPA, M.; PACURARU, E.,
asistent tehnic

Electron-microscopic studies of the changes occurring in the myofibrils
of suckling mice infected with aphthous virus. Studii cerc inframicro-
biol Special issue-supplement to 12:429-436 '61.

1. Institutul de inframicrobiologie al Academiei R.P.R.

(MUSCLE) (FOOT-AND-MOUTH DISEASE) (VIRUSES)

NICOLAU, St.S.; academician; DOMITRESCU, S.; IONESCU, N.I.; UAN TI LIAN

Morphological changes in human amniotic cells infected with
adenovirus, type 3. Stud. cercet. inframicrobiol. 12 no.3:
289-295 '61.

(ADENOVIRUS culture) (TISSUE CULTURE)
(AMNION)

PORTOCALA, R.; IONESCU, N.I.; DMITRIUSCU, S.; BOERU, V.; SAMUEL, I.

Reproduction of influenza virus with the aid of viral ribonucleic acid. VII. The morphological aspect of the ribonucleic acid. Stud. cercet. inframicrobiol. 12 no.3:309-315 '61.

1. Comunicare prezentata la Institutul de inframicrobiologie al Academiei R.P.R.

(INFLUENZA VIRUS: chemistry) (RIBONUCLEIC ACID)
(MICROSCOPY, ELECTRON)

IONESCU, N.I.; DUMITRESCU, S.

Presence of some polyhedral forms in influenza viruses. Stud. cercet. inframicrobiol. 13 no.2:245-249 '62.

1. Comunicare prezentata la Institutul de inframicrobiologie al Academiei R.P.R.

(INFLUENZA VIRUSES)

(MICROSCOPY, ELECTRON)

SURDAN, K.; PORTOGALE, R.; DOMITRESCU, S.; IONESCU, NI.

A cytological study of the changes caused by Rubarth's virus in
the liver of chick embryos. Rev. sci. med. 7 no.3/4:203-207 '62.
(VIRUS CULTIVATION) (LIVER)

SURDAN, C.; PORTOCALA, R.; DUMITRESCU, S.; IONESCU, N.I.

Cytological study of the changes produced by the Rubarth virus in the liver of chick embryos. Stud. cercet. inframicrobiol. 13 no.3:335-349 '62.

1. Comunicare prezentata la Institutul de inframicrobiologie al Academiei R.P.R.

(HEPATITIS, ANIMAL) (DOG DISEASES)
(ANIMAL VIRUSES) (HEPATITIS VIRUSES) (VIRUS CULTIVATION)
(TISSUE CULTURE)

MILCU, St.M., acad.; LUNGU, Al., dr.; CRISTOVEANU, Ana, biolog; DUMITRESCU,
St., dr.

Changes in the urinary level of 17-hydroxycorticosteroids under the influence of balneo-physiotherapeutic factors. Med. intern. 15 no.2: 135-142 P '63.

1. Lucrare efectuata in Institutul de endocrinologie, Bucuresti.
(ADRENAL CORTEX HORMONES) (URINE) (BALNEOLOGY)
(PHYSICAL THERAPY) (ARTHRITIS) (HYPOTHYROIDISM)
(OBESITY) (ADRENAL CORTEX HYPOFUNCTION)

BINSTOC, O., dr.; BERLESCU, Elena, dr.; DUMITRESCU, St., dr.

Considerations on the cervicohumeral syndrome. Med. intern. 15
no.7:839-842 J1 '63.

(SPINAL DISEASES) (ARTHRITIS, RHEUMATOID)
(PERIARTHRITIS) (CERVICAL VERTEBRAE)
(SHOULDER ARTHROSES) (NEURALGIA)

DUMITRESCU, Svetlana

Nobel prize for chemistry awarded to Professor Giulio Natta.
Studii cerc chim 12 no.5:399-401 '64

1. " Gh. Asachi " Polytechnic Institute, Iasi.

static and dynamic characteristics of fractional order systems

SOURCE: Automatica et electronica, v. 9, no. 2, 1965, 70-74

from a engineering, fractional order systems

RUMANIA

616.981.71-078.73

ZARNEA, G., Lect, NOVAC, Stela, Dr, DUMITRESCU, Sanda, Dr, and CRACEA, E., Dr, of the "Dr I. Cantacuzino" Institute of Microbiology, Parasitology, and Epidemiology (Institutul de Microbiologie, Parazitologie si Epidemiologie "Dr I. Cantacuzino"), Bucharest, BUZDUGAN, I., Dr, and IANOPOL, Ligia, Dr, of the State Health Inspectorate (Inspectoratul Sanitar de Stat), Suceava Regiune.

"Contributions to the Study of Serological Diagnosis Methods in Rickettsioses. I. Microagglutination of Rickettsia in the Diagnosis of Relapse Typhus (Brill-Zinsser Disease)."

Bucharest, Microbiologia, Parazitologia, Epidemiologia, Vol 11, No 3, May-Jun 66, pp 241-248.

Abstract [Authors' English summary modified]: The authors describe the preparation and standardization of antigens from R. prowazeki and R. mooseri for the microagglutination of rickettsia, discuss the techniques used, and compare the results of this method with those obtained by the complement-fixation reaction. The sensitivity and specificity of the reaction was confirmed by serologic studies on experimentally infected guinea pigs as well as 520 patients or ex-patients. The appearance, dynamics and persistence of antibodies were also studied.

Includes one table, 6 figures and 11 references, of which one Rumanian, one Russian, 2 German and 7 Western. -- Manuscript 1/1 submitted 28 February 1966.

DUMITRESCU, Stelian, ing.

Innovator movement in the light industry, a mass action in full swing. Industrial usocara 10 no.12:543-547 D'63.

1. Director tehnic adjunct in Directia tehnica a Ministerului Industriei Usocara.

DUMITRESCU, Stelian, ing.; MARINESCU, Stelian.

Scientific notes. Industria uscare 11 no.10:549-554 0 '64.

1. Assistant Director, Technical Directorate, Ministry of Light Industry (for Dumitrescu). 2. Head of the Office at the Romanian Chamber of Commerce (for Marinescu).

DUMITRESCU, St.

Rising professional qualifications, a very important objective.
Munca sindic 5 no.12:21-24,25 D '61.

(Romania--Industries)
(Vocational education)

SARATEANU, D.; HUNG, Tao; DUMITRESCU, St.; IONESCU, N.I.

Study of the behavior of ornithosis virus strains and the morpho-
pathological changes they produce in the chorio-allantoic membrane
of the developing chick embryo. Stud. cercet. inframicrobiol.
Bucur. 12 no.1:83-94 '61.

1. Comunicare prezentata la Institutul de inframicrobiologie al
Academiei R.P.R.

(MIYAGAWANELLA culture) (TISSUE CULTURE)

DOMITRESCU, St.

Better conditions for rest and treatment. Munca sindic 6 no.8:51-54
Ag '62.

DUMITRESCU, St.

Better and better conditions of life and work for the Rumanian forest rangers. Munca sindic 6 no.10:40-43 0 '62.

DUMITRESCU, St.

Supporting the good development of the vocational school activity.
Munca sindic 7 no.2:29-30 F '63.

DUMITRESCU, St.

Following the suggestions of the social work teams. Munca sindie
7 no.10:53-54 0 '63.

ARMASU, M.; DUMITRESCU, Stefan

Discussions on the theme of organization and development of the
group trade-union monthly meetings. Munca sindic 7 no.11:36-40
N '63.

DUMITRESCU, Stofania N.; GIRLEANU, Adriana M.

Contributions to the manufacture of spongiuous materials from
vinyl polychloride. Rev chimie Min petr 14, no.4:193-196
Ap '63.

1. Fabrica "Dermatina."

DUMITRESCU, Traian

Influence of the eutectic graphite on the quality of piston rings
made of alloyed cast iron. Metalurgia constr mas 13 no.8:664-675
Ag '61.

(Piston rings) (Graphite) (Cast iron)

DIMITRESCU, Traian

Scientific session of the Polytechnic Institute in Cluj.
Metalurgia constructiilor no.5:470-471 My '62.

DUMITRESCU, Tr.; IONESCU, C.St.; SOLACOLU, M.

Studies on the isothermal transformation of austenite in some alloyed and nonalloyed steels. Studii cerc metalurgie, 7 no.3:283-303 '62.

1. Membru al Comitetului de redactie, "Studii si cercetari de metalurgie" (for Dumitrescu).

DUMITRESCU, Tr.

Scientific session of the teaching cadre of the Polytechnic Institute of Cluj. Studii cerc metalurgie 7 no.3:367-369 '62.

1. Membru al Comitetului de redactie, "Studii si cercetari de metalurgie."

ROMANIA

DUMITRESCU, Tr.; ZAMIRCA, St.; KATHREIN, A.; FISCHGOLD, R.

Bucharest, Studii si Cercetari de Metalurgie, No 4, 1963,
pp 473-482

"The Influence of the Technology of Plastic Deformation on the
Quality of Thin Metal Sheet Made of an Alloy of 80 % Ni and
20 % Cr."

(4)

DUMITRESCU, Traian; IONESCU, Constantin St.; SOLACOLU, Maria

Aspects of the forming process of nainite in some carbon
steels and Fe-C-Mn alloys. Studii cerc metalurgie 8 no.2:
131-153 '63

DUMITRESCU, Traian; IONESCU, Constantin St.; SOLACOLU, Maria

Aspects of the bainite formation process in some carbon steels
and Fe-C-Mn alloys. Rev Roum metalurg 8 no. 2:155-174 '63.

DUMITRESCU, Traian, ing.; IONESCU, Constantin St., ing.; SĂLĂCULU, Maria, ing.

Contributions to the knowledge of the isothermal transformation of austenite in the Ar'' domain. Metalurgia constr mas 15 no.1:9-18 Ja '63.

1. Centrul de cercetari metalurgice al Academiei R.P.R.

DUMITRESCU, Traian; IONESCU, Constantin St.; GUTU, Anca

Mechanical properties of the isothermal transformation
structures of austenite for some poor alloy steels. Studii
cerc metalurgie 9 no.2:129-146 '64.

DUMITRACHE, Traian; IONESCU, Constantin St.; GUTU, Anca

Mechanical properties of isothermal transformation structures of the austenite of some poor steels in alloy elements. Rev Roum metal-lurgie 9 no.2:161-179 '64.

L 41115-66 T/EWP(t)/ETI IJP(e) JD

ACC NR: AP6030200

SOURCE CODE: RU/0017/65/000/007/0355/0358

AUTHOR: Dumitrescu, T. (Engineer); Pasarica, V. (Physicist); Dumitrescu, R. (Physicist); Popescu, V. (Physicist); Birhala, A. (Chemist)

ORG: Metallurgical Research Institute (Institutul de cercetari metalurgice)

TITLE: Quantitative determination of exogenous non-metallic inclusions in steels by means of Ca sup 45 radioactive isotopes

SOURCE: Metalurgia, no. 7, 1965, 355-358

TOPIC TAGS: nonmetallic inclusion, refractory compound, radioisotope

ABSTRACT: The authors describe a method for the quantitative radiometric determination of exogenous inclusions in steel residues. The method uses a self-absorption standard curve for a mixture of labelled refractory materials and unlabelled non-metallic inclusions in the same proportion as that of exogenous inclusions to total inclusions in the steel under test. Orig. art. has: 4 figures and 1 table. [JPRS]

SUB CODE: 11, 18 / SUBM DATE: none / ORIG REF: 002 / SOV REF: 002

OTH REF: 003

Card 1/1 11b

UDC: 669.14:543.52:539.219.1

DUMITRESCU, V. ; GAVAN, O.

Considerations on exploring boring by means of coring outfit. p. 91.

REVISTA MINELOR. (Ministerul Minelor, Ministerul Industriei Petrolului si
Chimiei, Directia Exploatarilor Miniere si Asociatia Stiintifica a
Inginerilor si Tehnicienilor din Romina) Bucuresti, Rumania. Vol. 10,
no. 3, March 1959.

Monthly List of East European Accessions (EEAI) IC, Vol. 8, no. 7, July 1959

Uncl.

DUMITRESCU, Y.; LAZARESCU, D.

On the basic hydrometric network in Rumania. Studii hidrol 2:3-26
1962.

21(3)(8)

RUM/3-59-10-10/16

AUTHORS: Drăgut, A; Ioanid, D.; Drimuz, I., and Dumitrescu, V.

TITLE: Initiating Oxidation Reaction With the Aid of
Radioactive Radiations.

PERIODICAL: Revista de Chimie, 1959, Vol 10, Nr 10, pp 589-593

ABSTRACT: The influence of the total dose upon the following was studied in this article: a) Products of the oxidation reaction. It was established that extended radiation of the oxidation reaction causes a reduction of the peroxide factor and the acidity, and an increase of the ester factor; b) Conversion into acid. It was established that the increase in acid conversion by approximately 7.5 units corresponded to an increase of the total dose from $1.15 \cdot 10^{19}$ ev to $2.88 \cdot 10^{19}$ ev. The influence of the dose delivered upon the oxidation reaction was studied; it was established that the dose delivered tended to increase the acidity factor by diminishing the induction period.

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RUM/3-59-10-10/16

Initiating Oxidation Reaction With the Aid of Radioactive Radiations

Also, it was established that the acid conversion of the paraffin decreased. The influence of the temperature upon the oxidation reaction was also studied, establishing that:

- a) The acidity increased with the temperature attaining a maximum at 150°C;
- b) the peroxide value decreased with the increase in temperature;
- c) the percent of acid conversion of the paraffin increased.

During the experiments conducted at the Laboratorul de radiochimie (Radiochemical Laboratory) of ICECHIM and previously published, the Laboratory phase of the method of oxidation for technical paraffin was developed. The influence of the dose delivered upon the oxidation process is not very well known; N.A. Bah and collaborators found that at low temperatures, the yield of the oxidation reaction does not depend on the dose delivered at the beginning of the

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RUM/3-59-10-10/16

Initiating Oxidation Reaction With the Aid of Radioactive
Radiations

process, but that the yield of the secondary
reactions greatly depends on it.
There are 5 graphs and 4 tables.

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R/003/60/011/005/006/023

A125/A016

5.3300 B

216100 only 1043

AUTHORS: Drăgut, A.; Ioanid, G.; Drimus, I.; Stoian, D.; Dumitrescu, V.

TITLE: Ionizing Radiation, ¹⁹ as Initiator of the Oxidation Reaction of Pa-
raffin

PERIODICAL: Revista de Chimie, 1960, Vol. 11, No. 5. pp. 270 - 275

TEXT: The initiation of the oxidation reaction of hydrocarbons has been examined already several times before (Refs. 1 - 8), including the authors of subject article. Results of laboratory research encouraged the authors to continue this work in order to develop a larger installation. On the basis of the laboratory work, general conclusions could be drawn with regard to the variation of the acidity and saponification indexes in function of different parameters. The results of the experiments are shown (Figs. 1 and 2). Long lasting experiments (15 - 19 h) have also been conducted, the results of which are listed in Table 1. In order to eliminate a series of difficulties arising at establishing the initiation of the oxidation reaction of paraffin in a pilot station, a series of experiments has been conducted. At these experiments the paraffin has been irradiated before starting the oxidation reaction. The results have been

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83518

R/003/60/011/005/006/023

A125/A026

Ionizing Radiation, as Initiator of the Oxidation Reaction of Paraffin

published in a previous work (Ref. 6). The considerations, which have led to the examination of the effect of preliminary irradiation, were of practical nature: a) elimination of stirring in the irradiation zone; b) the absorbed power has been increased by eliminating the stirring. Based on the laboratory results (Refs. 5 - 7) the authors have started the development of a pilot station, which consists of an irradiating installation (Fig. 3), and a 150-kg oxidation installation (Fig. 4). The irradiation has been accomplished with gamma radiation of the fission products contained in the bars of the experimental reactor of the Institutul de Fizică Atomică al Academiei R.P.R. (Institute of Nuclear Physics of the Rumanian Academy) in Bucharest. The results of the experiments conducted in the pilot station are shown in Table 2. Brief reference is made to four different experimental charges. The oxidation has been accomplished in pure oxygen; the results obtained are given in Figure 7. The authors have then taken a 300 g sample from the No. 3 charge. After complete separation and extraction of the non-saponifying matters with gasoline, 87.5 g of fatty acids with an acidity index of 160 mg KOH/g substance have been obtained by scission with hydrochloric acid. After a vacuum distillation at 1 mm Hg, three fractions

Card 2/3

ARDELEAN, I.; CALAZE, Gh.; IONISTEA, C.; MESROBIANU, L.; GRIGORIU, T.;
STANICA, M.; DUMITRESCU, Y.; NITRICA, N.; POTINO, M.

Anti-diphtheria vaccination in the Rumanian People's Republic;
study of the immunising value of diphtheria anatoxin of Ramon as
compared with precipitated anatoxin. Stud. cercet. inframicrobiol.,
Bucur. 6 no.3-4:477-512 July-Dec. 1955.

(DIPHTHERIA, prev. & control

vacc., comparative value of Ramon's anatoxin & precipitated
anatoxin)

(VACCINES AND VACCINATION

diphtheria vaccines, comparative value of Ramon's anatoxin
& precipitated anatoxin)

ACC NR: AP6030534

SOURCE CODE: RU/0024/65/000/006/0016/0022

AUTHOR: Dumitrescu, V. (University assistant; Bucharest)

30
B

ORG: none

TITLE: Cosmographic perspectives, a new system for azimuthal projections

SOURCE: Natura. Seria geografie-geologie, no. 6, 1965, 16-22

TOPIC TAGS: cartography, photogrammetry

ABSTRACT: The author describes a new system of azimuth projections in perspective, in which the projection point is in front of the projection plane and the projected hemisphere rather than behind them. The system can be applied effectively in cosmophotogrammetry, meteorology, oceanography, etc.; the network is calculated on the basis of the distance and direction from which photos of a cosmic body were obtained, and is then used in the assembly and deciphering of the photos. Orig. art. has: 9 figures. [Based on author's Eng. abst.] [JPRS: 34,672]

SUB CODE: 08 / SUBM DATE: none

Card 1/1 MLP

0915 1618

DUMITRESCU, Valentin

Starting with the concrete necessities. Munca sindic 7 no.4:45-46
Ap '63.

1. Presedinte al comitatului sindicatului de la uzinele "Semnatoarea",
Bucuresti.

DUMITRESCU, Vasile; POPESCU, Gheorghe; MOROIANU, Sanda. Biberi; SOINDAR, Pompiliu

Epidemiological considerations on the evolution of poliomyelitis in Rumania before the introduction of antipoliomyelitis vaccination (1927-1957). Stud. cercet inframicrobiol., Bucur. 10 no.2:119-142 '59.

1. Comunicare prezentata la Simposiunul de poliomielita de la Vatra Dornei, mai 1958.

(POLIOMYELITIS, epidemiology)

DUMITRESCU, Valentin

Internal innovation competitions. Munca sindic [7] no.1:18-20 Ia
'63.

1. Presedinte al comitetului sindicatului de la usina "Samanatoarea",
Bucuresti.

DUMITRESCU, Valeriu, ing.

Pellets used in cleaning metallic surfaces. Metalurgia constr
mas 14, no.3:266-267 Mr '62.

1. Institutul Tehnologic pentru Constructii de Masini si Electro-
tehnica.

DIACONU, C., ing.; DUMITRESCU, V., ing.

Hydrology development in Rumania. Meteorologia hidrol gosp
6 no.2:165-167 '61.

DUMITRESCU, Vladimir, laureat al Premiului de stat

Traces from ancient history. St si Teh Buc 14 no.12
34-35 D'62.

DIMITRESCU, Valeriu, ing.

Small shot used for cleaning metallic surfaces. Metalurgia
constr mas 14 no. 3:266-267 Mr '62.

1. Institutul Tehnologic pentru Constructii de Masini si
Electrotehnica.

DUMITRESCU, Vladimir, leacat al Premiului de stat

Very old traces of life. St si Teh Buc 14 no.12:
34-35 D'62.

DUMITRESCU, Valeriu; NICOLAE, Tatiana

Analysis of some methods of extrapolation of the limnometric
keys in their upper parts. Studii hidrol 7:3-9 '63.

DUMITRESCU, Z. [Dumitrescu, Z.]; AMBRUSH, I. [Ambrus, I.]

Selective protection of amino groups in 1,5-diaminotetrahydro-
naphthalene. Zhur. ob. khim. 33 no.8:2793-2794 Ag '63.

(MIRA 16:11)

1. Khimiko-farmatsevticheskiy issledovatel'skiy institut,
Bukharest.

KUYBAN, F. [Cuiban, F.]; ~~DUMITRESCU, Z.~~ [Dumitrescu, Z.]; AMBRUSH,
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(GASTRIC JUICE

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Romania si Ministerul Industriei Lemnului) Bucuresti, Romania.
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(PLANTS

vitamin C content of food plants, determ.)

(VITAMIN C, determination
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plant products, vitamin C content, determ.)

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(AROMATIC COMPOUNDS)
(BLOOD)
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Modifications of the prothrombin complex under the action of the
Roentgen rays. Studii cerc fiziol 5 no.2:429-434 '60. (EEAI 10:2)

1. Institutul de fiziologie normala si patologica "Prof. Dr.
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(PROACCELERIN) (COMPLEX COMPOUNDS)

PORTOKALE, R. [Portocala, R.]; DUMITRESKO, S. [Dumitresco, S.]; IONESCU, I.
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1. Institut inframikrobiologii Akademii nauk Rumynskoy Narodnoy
Respubliki, Bukharest.
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Monographic chart for determining physical properties of soils.
Suggested by George S. Dumitresku. Rats.i izobr.predl.v stroi.
no.13:32-35 '59. (MIRA 13:6)

1. Po materialam Instituta tekhnicheskoy dokumentatsii Rumynskoy
Narodnoy Respubliki.
(Soil physics)

DUMITRESKU, N. d-r. [Dumitrescu, N.], (Bukharest, Rumynskaya Narodnaya
Respublika) BERCHA, O. [Bercea, O.] (Bukharest, Rumynskaya
Narodnaya Respublika)

Repeated bronchial node perforations in chronic cheesy adenitis
in adults. Probl.tub. no.7:29-33 '62. (MIRA 15:12)
(TUBERCULOSIS) (BRONCHI--DISEASES)

DUMITRESCU, Valentin [Dumitrescu, Valentin]

The masters of their fate. Sov.profsoiuzy 17 no.22:37-38 N '61.
(MIRA 14:10)

1. Predsedatel' komiteta profsoyuza zavoda "Semenetoarya",
- g. Buharest.
(Bucharest—Agricultural machinery industry)
(Trade unions)

DUMITRESCU, Victor, ing.

Criteria for the decrease of cost price in the drilling with ore
borers. Rev min 12 no.11:493-498 N '61.

(Boring machinery) (Industrial management)

ACC NR: AP6033916

(A)

SOURCE CODE: UR/0006/66/000/010/0059/0062

AUTHOR: Dumitresku, V. (Rumania)

ORG: none

TITLE: The application of cosmographic perspectives in deciphering photographs from outer space

SOURCE: Geodeziya i kartografiya, no. 10, 1966, 59-62

TOPIC TAGS: map, spaceborne photography, photographic rectification

ABSTRACT: Cosmographic perspectives refer to a new type of azimuthal projection proposed by the author in 1965 (Natura, No. 6, 1965). A grid is used, marked off in 10° -intervals for meridians and parallels, in which, for all azimuthal projections, rectilinear verticals are represented by great circles on the sphere and the almucanters are shown as circles with a common center about the pole of the projection (center of the net). To use this technique (of great value for studying photographs taken in outer space) it is sufficient to know some specific data, including distance between the point from which and above which the photograph is taken. The cosmographic net is then placed over the photograph (on which meridians and parallels are lacking), and the coordinates of any point may be obtained (moon crater, canals of Mars, mountain peaks, etc). Several illustrations are given to show superposition

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UDC: 528.235:528.9

ACC NR: AP6033916

of the grid on pictures of earth. More complex problems can be studied by this method, such as the case when the camera axis is not coincident with the vertical (relative to the object) or when the investigated planet (or other object) is too close to permit all of it to show in the photograph. It is best to take pictures along a line directed toward the center of the photographed object, but when this is not done, adjustments can be made by means of a phototransformer. When the image of the planet (or other object) is not entirely within the field, a net may be prepared if the coordinates of at least two reference points obtained in other ways are known. Orig. art. has: 8 figures.

SUB CODE: 22,08,14/SUBM DATE: none/ OTH REF: 002

Card 2/2

DUMITRICA, Paulian

Presence of some radiolarians of the Challengeridae (ord. Phaeodaria) family in the sub-Carpathian Tortonian. Studii cerc geol 9 no.1:217-222 '64.

1. Institute of Geology and Geography of the Rumanian Academy.

ACCESSION NR: AP4027716

S/0183/64/000/002/0043/0048

AUTHORS: Meos, A.I.; Vishnyakova, M.N.; Dumitrin, M.

TITLE: The action of modifiers in forming supermolecular structures of viscose fibers

SOURCE: Khimicheskiye volokna, no. 2, 1964, 43-48

TOPIC TAGS: viscose fiber, formation, supermolecular structure, modifier, cyclohexylamine, polyethyleneglycol, hydroxyethylated amine, zinc sulfate, mechanism, electron microscope, production condition, tire cord, fiber uniformity, fiber strength, pH control, structure forming zone, buffer, cellulose xanthate

ABSTRACT: The structures of viscose fibers obtained by adding modifiers (cyclohexylamine, polyethyleneglycol and hydroxyethylated amines) to the viscose were examined with an electron microscope in order to determine conditions most suitable for the production of uniform tire cord. A mechanism for the action of the modifiers is proposed. The structure of fibers which were most uniform were produced from viscose containing modifiers and an increased zinc

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ACCESSION NR: AP4027716

sulfate content and had low acidity in the settling bath; these structural elements were well formed and have smaller and more uniform diameters than fibers formed under other conditions. The proposed mechanism for the action of modifiers is that they help maintain the proper pH in the active structure-forming zone, forming onium compounds in an acid medium and destroying them in alkali. In the settling bath the zinc also acts as a buffer. The modifier acts as buffer on the surface and zinc acts on the internal half of the active structure forming zone. Besides acting as buffer, the modifier changes the solubility of the cellulose xanthate, forming an ample number of centers for the formation of structural elements which in turn leads to the formation of small diameter structural elements. It is concluded that the well-formed sections of macromolecules indicate that zinc xanthate is not formed in the structure-forming process; the zinc sulfate neutralizes the caustic in the viscose jets. Increasing the acidity of the settling bath accelerates the viscose fiber forming processes to such an extent that the buffering action of the modifier and zinc are suppressed and the structure forming zone is extremely small. Orig. art. has 4 figures and 7 equations.

Card 2/3

ACCESSION NR: AP4027716

ASSOCIATION: LITLP im. S. M. Korova (Leningrad Institute for the

SUBMITTED: 28May63

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NR REF SOV: 007

OTHER: 005

Card

3/3

DUMITRIU, Andrei

Production rhythm is the main goal. Munca sindic 6 no.7:26-29
Jl '62.

1. Secretar al comitetului sindicatului de la Fabrica de Rilmenti,
Birlad.

ILIE, Bianca; DUMITRIU, Aurora

Modification of the polarographic curves of the serum of rats with
Guerin's carcinoma T 8 after inoculation with vaccinal virus. Stud.
cercet. inframicrobiol. Bucur. 12 no.1:117-128 '61.

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(BLOOD PROTEINS chemistry)

DUMITRIU, Mircea; DUMITRIU, Christina

Paleocene sedimentary cartogram of the Persani Mountains (Virghis Valley, the Olt Pass, the Maerus Valley). Studii cerc geol 7 no.3/4: 445-454 '62.

DUMITRIU, Mircea; DUMITRIU, Cristina

Note on the imbrication of the Brebu conglomerates. Studii cerc
geol 9 no.1:155-158 '64

Contributions to the geology of the Persani Mountains (Comana-
Caciulata-Lupsa region). Studii cerc geol 9 no.1:169-174 '64

1. Enterprise of Prospecting and Laboratories, Geological Committee.

DOBRE, Nelu (Buzau); CHITEI, Gh.A. (Deva); CAPITAN, Gh. I., prof. (Anina);
GRIGORESCU, D. Nicolae (Hirsova); NISTOR, Gh.V. (Buzau); MIHALASCU,
D., prof. (Pitesti); VELESCU, I. (Pitesti); DUMITRIU, C. (Focsani);
SIMON, Petre (Tirgu Mures); BAERA, B., prof. (Paunesti); COJOCARU,
Ion (Craiova)

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Creation and development of the technical and material basis of socialism and aspects of the improvement of the production relations. Probleme econ 15 no.12:48-51 D '62.

1. Membru corespondent al Academiei R.P.R. (for Rachmuth).